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TI COPPER-BASED SHAPE MEMORY ALLOY HAVING HIGH WORKABILITY AND ITS PRODUCTION
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AB PURPOSE: To produce a Cu-based shape memory alloy having high workability
and usable as a precision worked product, foil, an extra fine wire, etc.
CONSTITUTION: A Cu alloy consisting of 5-20wt.% Mn, 3-10wt.% Al and the
balance Cu with inevitable impurities is melted, cast and formed into a
prescribed shape and a single β -phase structure is formed at
 $\geq 500^{\circ}\text{C}$. After quenching, ordering treatment is carried out at
 $0-200^{\circ}\text{C}$ to obtain the objective shape memory alloy.
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